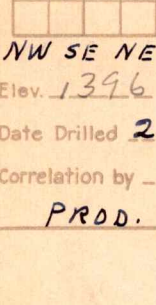


HARVEY.

BROWN BROS. No. 1.

NATIONAL REFG. CO.



| Twp. |    |    |    |    |    |
|------|----|----|----|----|----|
| 6    | 5  | 4  | 3  | 2  | 1  |
| 7    | 8  | 9  | 10 | 11 | 12 |
| 13   | 14 | 15 | 16 | 17 | 18 |
| 19   | 20 | 21 | 22 | 23 | 24 |
| 25   | 26 | 27 | 28 | 29 | 30 |
| 31   | 32 | 33 | 34 | 35 | 36 |

NW SE NE

Elev. 1396 T.D. 3515'

Date Drilled 2-17-38.

Correlation by

PROD. DRY.

0

✓ HFW 40'

100

1 BW 135'

200

ANHYD.

300

GYP & ANHYD. 5 BW 320'

ANHYD.

ANHYD.

SHALE ANHYD.

SHALE ANHYD.

400

ANHYD.

SHALE MICACEOUS.

ANHYD.

LEACHED.

500

SHALE MAROON & GREEN

SHALE ANHYD. & GYP.

600

CHERTY.

SHALE MAROON & GREEN

ANHYD.

SHALE

700

ANHYD.

oolitic.

oolitic

CHERTY

1/2 BW 715'

800

CHERTY.

CHERTY

SHALE MAROON

900

CHERTY.

CHERTY

SHALE MAROON

1000

CHERTY.

CHERTY

SHALE MAROON

1100

CHERTY.

CHERTY

SHALE MAROON

1200

CHERTY.

CHERTY

SHALE MAROON

1300

CHERTY.

CHERTY

SHALE MAROON

1400

CHERTY.

CHERTY

SHALE MAROON

1500

CHERTY.

CHERTY

SHALE MAROON

1600

CHERTY.

CHERTY

SHALE MAROON

1700

CHERTY.

CHERTY

SHALE MAROON

1800

CHERTY.

CHERTY

SHALE MAROON

1900

CHERTY.

CHERTY

SHALE MAROON

2000

CHERTY.

CHERTY

SHALE MAROON

2100

CHERTY.

CHERTY

SHALE MAROON

2200

CHERTY.

CHERTY

SHALE MAROON

2300

CHERTY.

CHERTY

SHALE MAROON

2400

CHERTY.

CHERTY

SHALE MAROON

2500

CHERTY.

CHERTY

SHALE MAROON

2600

CHERTY.

CHERTY

SHALE MAROON

2700

CHERTY.

CHERTY

SHALE MAROON

2800

CHERTY.

CHERTY

SHALE MAROON

2900

CHERTY.

CHERTY

SHALE MAROON

3000

CHERTY.

CHERTY

SHALE MAROON

3100

CHERTY.

CHERTY

SHALE MAROON

3200

CHERTY.

CHERTY

SHALE MAROON

3300

CHERTY.

CHERTY

SHALE MAROON

3400

CHERTY.

CHERTY

SHALE MAROON

3500

CHERTY.

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SHALE MAROON

3600

CHERTY.

CHERTY

SHALE MAROON

3700

CHERTY.

CHERTY

SHALE MAROON

3800

CHERTY.

CHERTY

SHALE MAROON

3900

CHERTY.

CHERTY

SHALE MAROON

4000

CHERTY.

CHERTY

SHALE MAROON